

Fig. 1

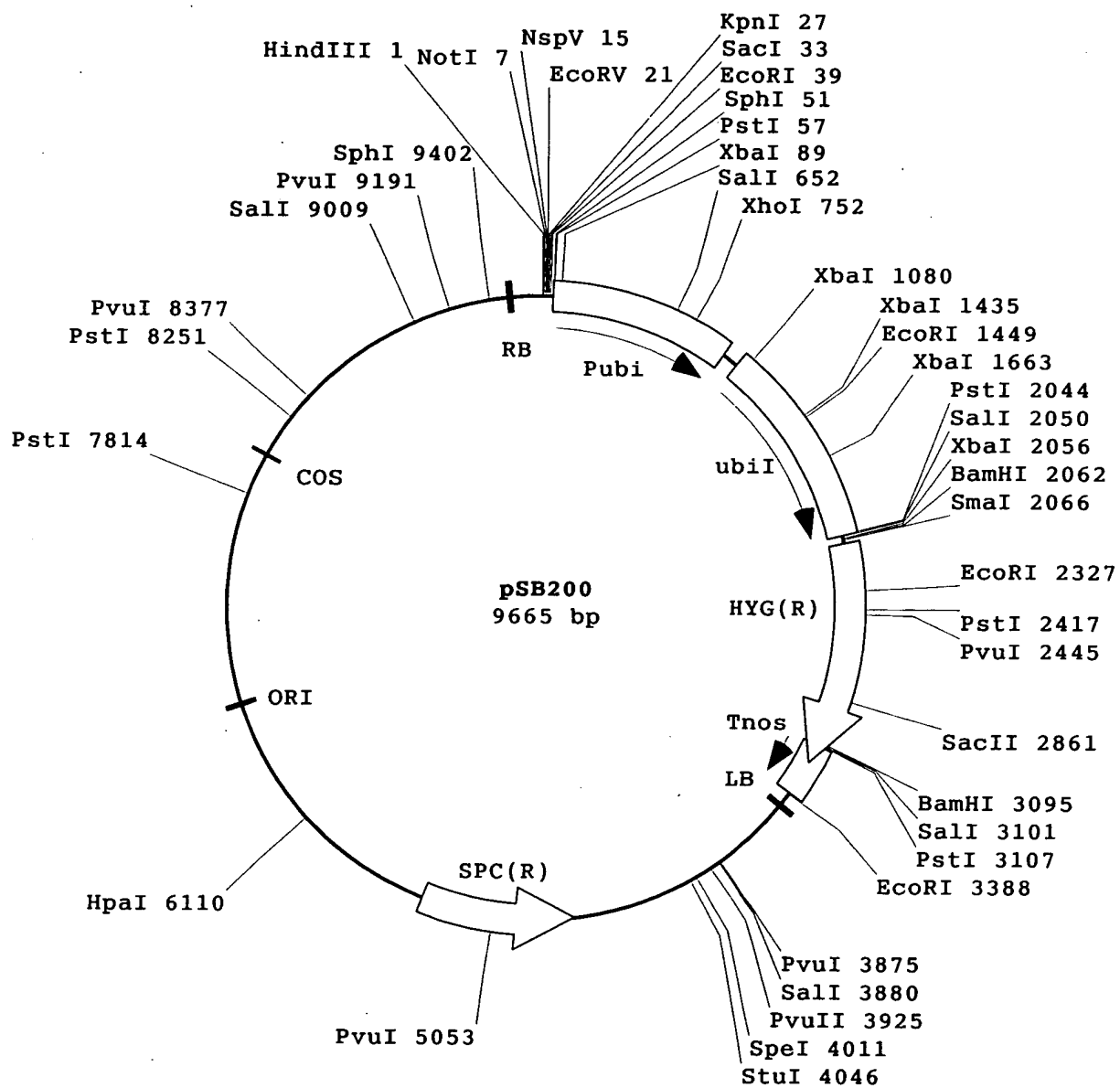


Fig. 2

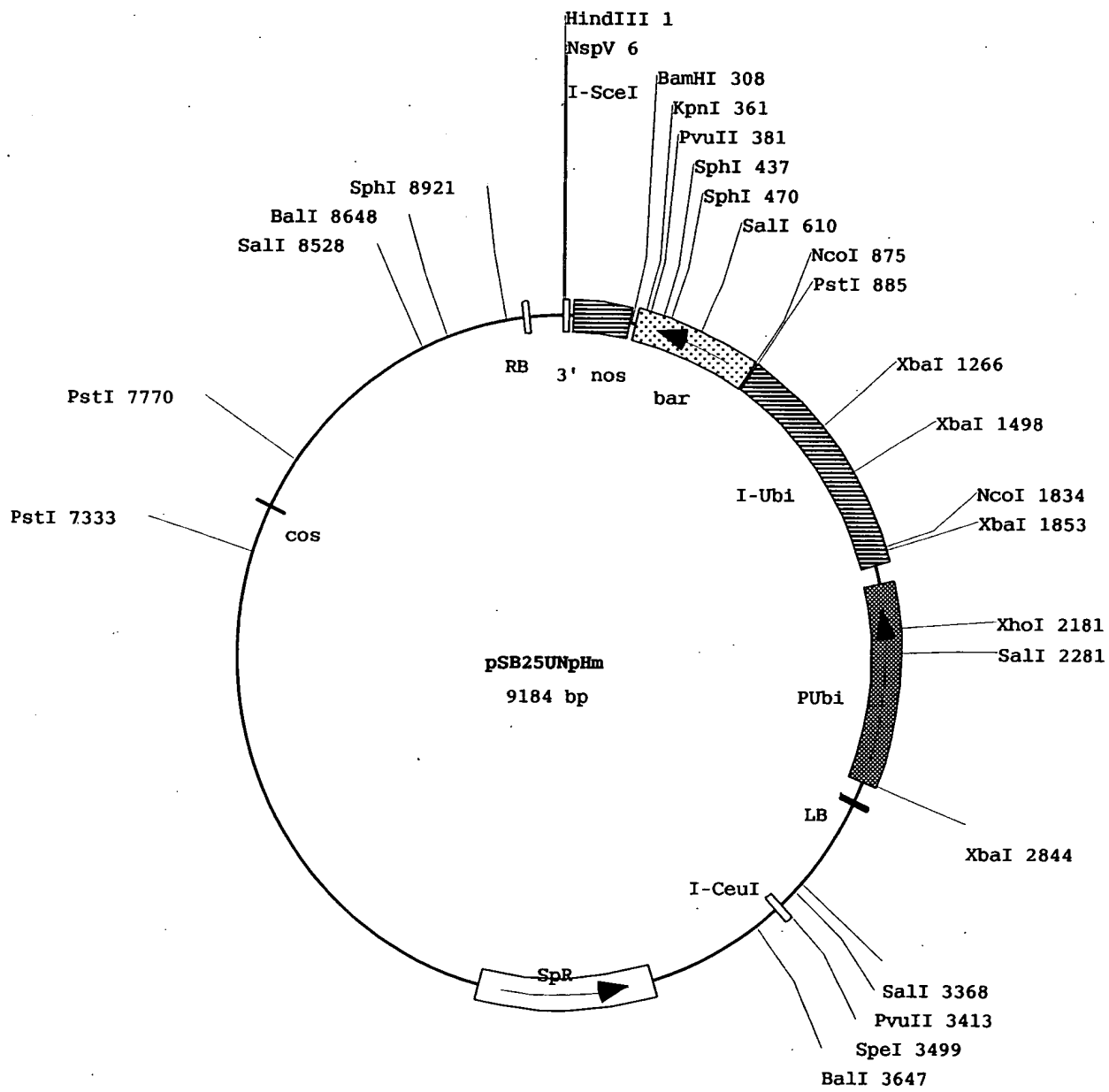
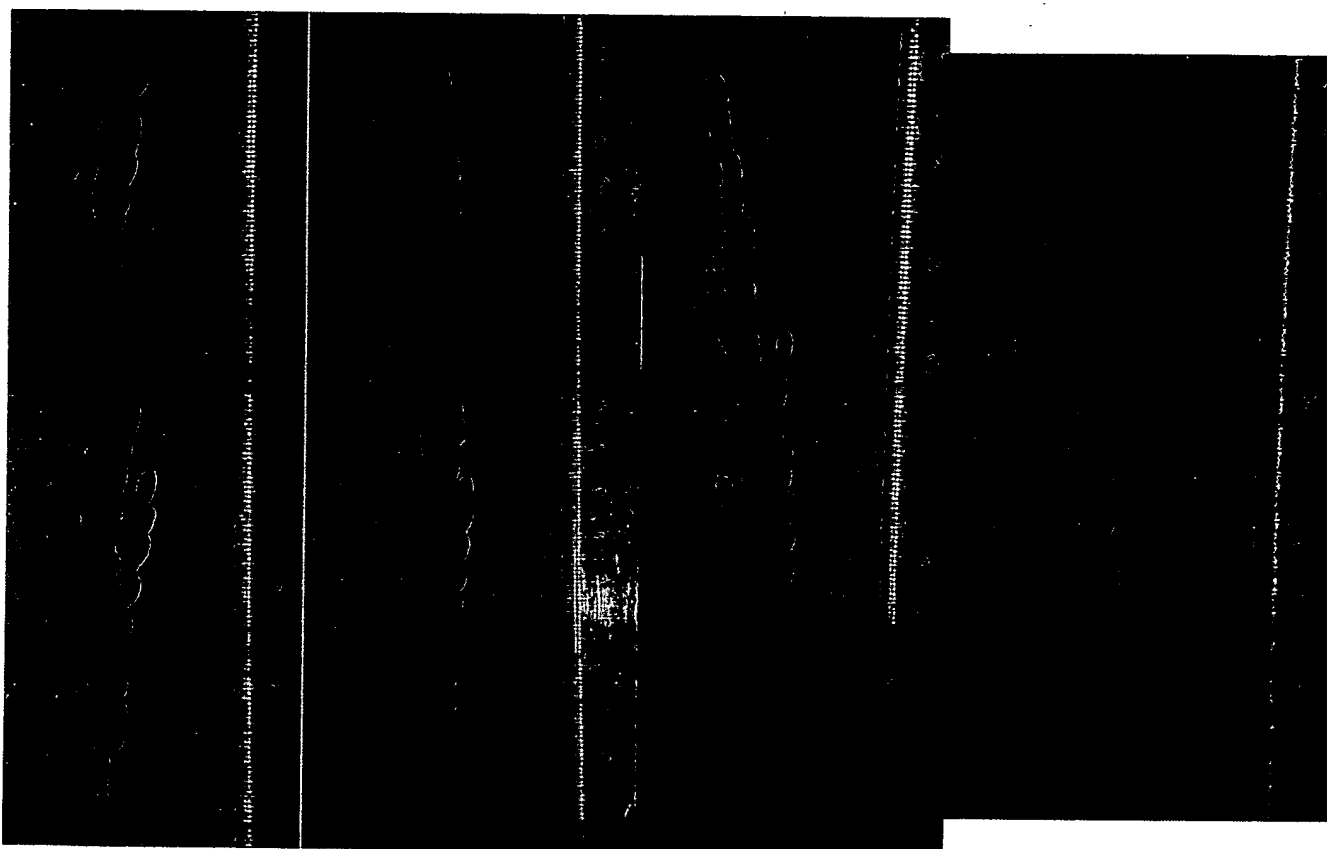


Fig. 3



Genome
fragment
A083G04
(SEQ ID NO:41
SEQ ID NO:42)
Transgenic plant

Genome
fragment
A088E02
(SEQ ID NO:43
SEQ ID NO:44)
Transgenic plant

Genome
fragment
A089F12
(SEQ ID NO:45
SEQ ID NO:46)
Transgenic plant

Control
plant

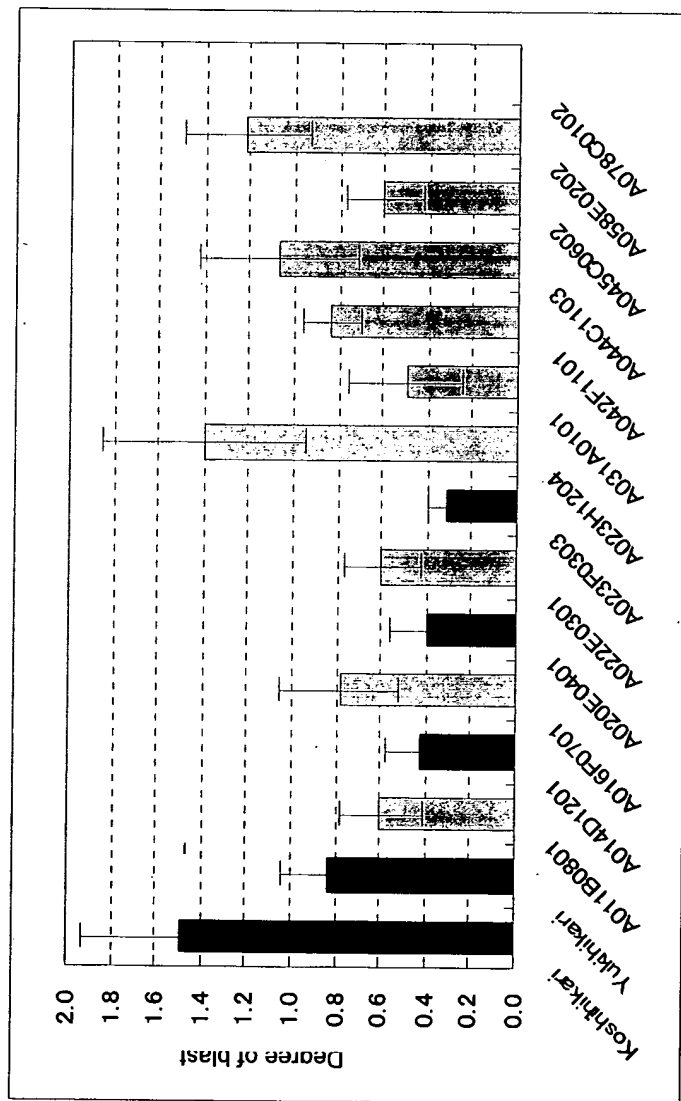


Fig.4: Results of testing of blast resistance

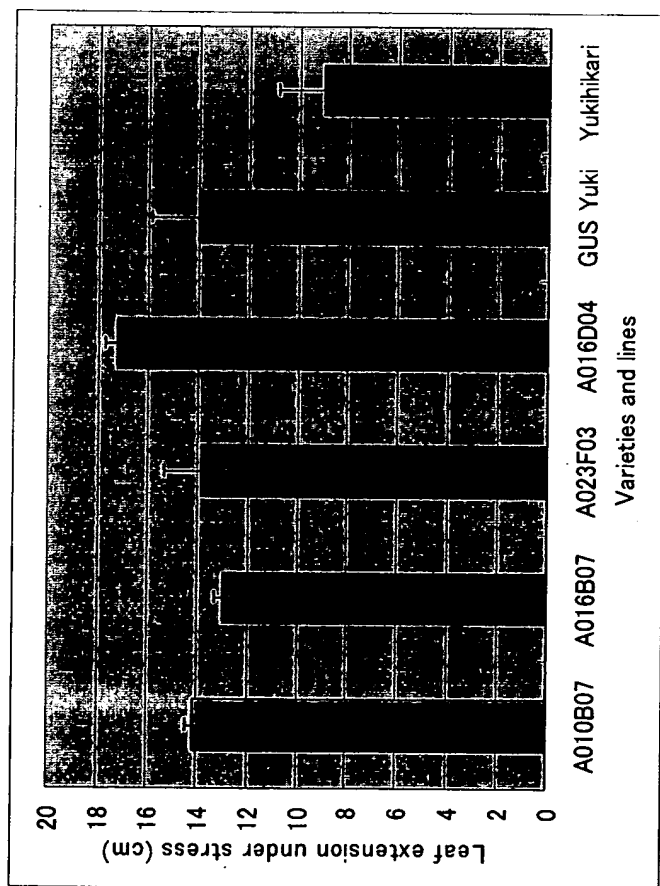


Fig. 5 Extension of leaves of various varieties and lines under stress

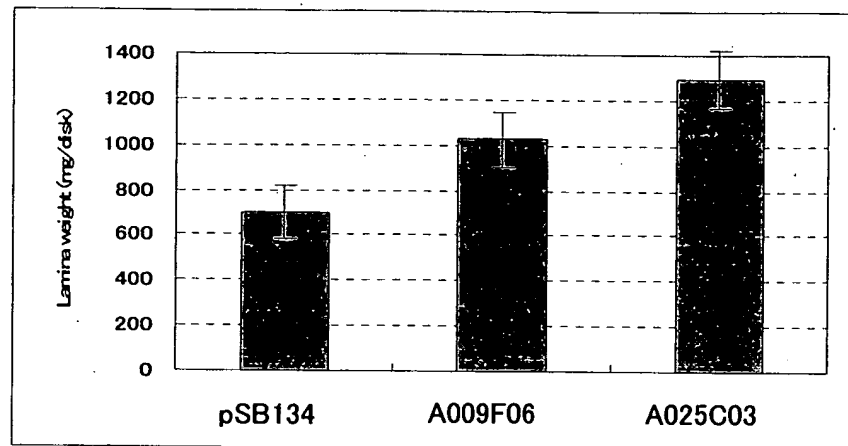


Fig. 6 : Effect of introducing genomic DNA fragments on the growth of tobacco callus

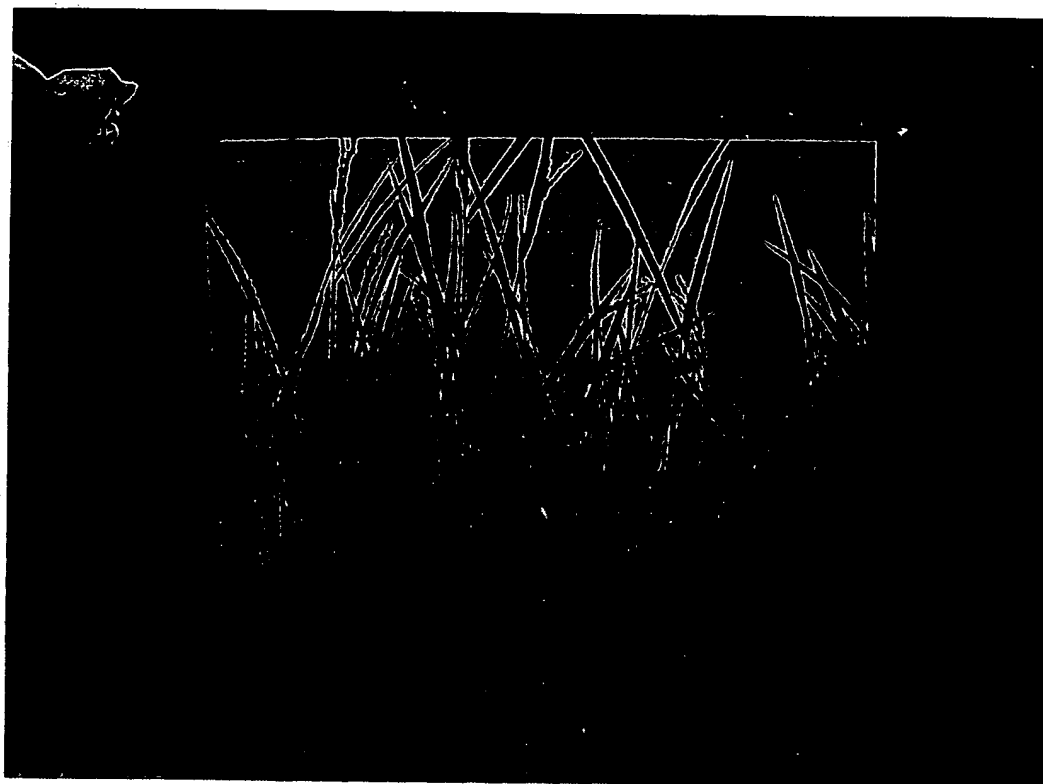


Fig. 7

Growth of rice cultivated after treatment with teosinte genomic DNA fragments; plant bodies at day 45 after transplantation; the arrow indicates the control individual; the introduced genomic fragments are, from left to right:

M044G07, M043C09, M042F06, M043A11, M042H08, M043B10, M044E12, Control, M042E11, M043A08

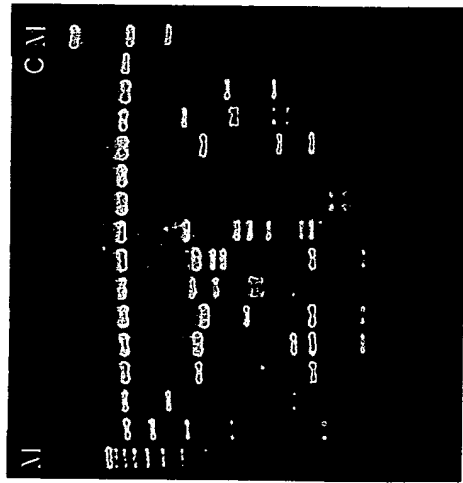


Fig. 10 From left to right:
 lane 1 (M): 1 kb ladder
 lanes 2-14: AS88, 90, 95-102, 104-106
 C: vector control
 M2: λ /HindIII size marker

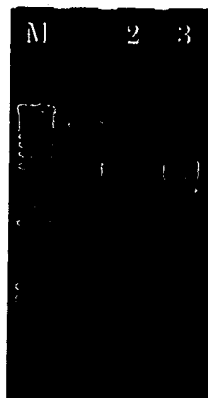


Fig. 11 : Vector size determination by electrophoresis

1 : G001A03 (original)
2 : G001A03DEST
3 : G001A03bar
M : 1kb ladder

Fig. 8

